**Teaching and Learning Plan**

**Mathematics Learning Experience for Grade 1 (C1)**

**Teaching and Learning Plan**: Reading and Writing Numbers up to 100 in Symbols and Words (Interactive and Play-based)

Objective: By the end of this learning plan, learners will be able to read and write numbers up to 100 in both symbols and words through interactive and play-based activities.

**Duration**: This teaching and learning plan is designed to span over several sessions, depending on the needs and progress of the learners. Each session should be approximately 45-60 minutes.

**Session 1**: Introduction to Numbers 0-20

1. Start the session with a brief discussion about the importance of numbers and how they are used in our daily lives.
2. Introduce numbers 0-20 using visuals, flashcards, or number charts.
3. Engage the learners in a fun counting game or activity, such as a number scavenger hunt or a counting song.
4. Provide opportunities for learners to practice writing numbers 0-20 using interactive tools like mini whiteboards, sand trays, or digital drawing apps.
5. Conduct a group activity where learners take turns reading numbers aloud and writing them on the board.

**Session 2:** Exploring Numbers 21-50

1. Review numbers 0-20 briefly to reinforce learning from the previous session.
2. Introduce numbers 21-50 using a number line or other visual aids.
3. Engage learners in interactive games like "Number Bingo" or "Number Memory" to practice recognizing and matching numbers.
4. Encourage learners to write numbers 21-50 using manipulatives like playdough or pipe cleaners.
5. Provide worksheets or activity sheets where learners can fill in missing numbers, complete number patterns, or solve simple number-related puzzles.

Session 3: Mastering Numbers 51-100

1. Begin the session with a quick recap of numbers 0-50 to refresh learners' memory.
2. Introduce numbers 51-100 using visual representations, such as base ten blocks or place value charts.
3. Engage learners in a group activity where they work together to create a human number line, with each learner holding a card displaying a specific number.
4. Provide interactive online games or apps that allow learners to practice reading and writing numbers 51-100 in a playful manner (optional).
5. Assign a project-based task where learners create their own number chart or booklet using both symbols and words. They can decorate it creatively and showcase it to the class.

**Session 4:** Consolidation and Review

1. Begin the session with a quick review of numbers 0-100 using flashcards or a number grid.
2. Conduct a fun "Number Olympics" activity where learners participate in various number-related challenges, such as speed counting, number ordering, or identifying missing numbers.
3. Provide opportunities for learners to engage in partner activities, such as playing "Number Detective" where they take turns giving clues to identify a specific number.
4. Assess learners' progress through individual or group exercises, such as writing numbers dictated by the teacher or completing number-related worksheets.
5. Conclude the session with a reflection activity, where learners share their favorite number-related game or activity from the learning plan.

**Throughout the learning plan**:

* Incorporate multisensory approaches, such as using manipulatives, visuals, and interactive digital resources, to cater to different learning styles.
* Encourage active participation and collaboration among learners through group activities and games.
* Provide regular opportunities for learners to practice reading and writing numbers in both symbols and words.
* Offer positive reinforcement and praise learners' efforts and progress.

Note: It is important to adapt and modify the teaching and learning plan based on the specific needs and abilities of your learners.